

CLAIMS

1. A gear comprising a gear body having tooth surfaces, characterized in that the gear body is composed of a compound resin which comprises a part having a PA66 molecular structure and a part having a PA6 molecular structure in a weight ratio of PA66/PA6=99.9/0.1 to 95.0/5.0.
2. The gear according to claim 1, wherein the compound resin is a polymer blend of PA66 and PA6.
3. The gear according to claim 1, wherein the compound resin is a copolymer of PA66 and PA6.
4. A speed reduction gear comprising a small gear and a large gear, characterized in that at least one of the small gear and the large gear is composed of the gear of claim 1.
5. An electric power steering apparatus, characterized in that rotation of an electric motor for steering assist is transmitted to a steering mechanism by reducing its speed through the speed reduction gear of claim 4.